Amana®

ELECTRIC RANGE USER INSTRUCTIONS

THANK YOU for purchasing this high-quality product. If you should experience a problem not covered in TROUBLESHOOTING, please visit our website at **www.amana.com** for additional information. If you still need assistance, call us at 1-800-253-1301.

You will need your model and serial number located on the oven frame behind the storage drawer panel.

Para obtener acceso a “Instrucciones para el usuario de la estufa eléctrica” en español, o para obtener información adicional acerca de su producto, visite: **www.amana.com**

Tenga listo su número de modelo completo. Puede encontrar su número de modelo y de serie en la etiqueta, ubicada ta en el marco del horno, detrás del panel del cajón de almacenamiento.

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W10320987B

RANGE SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

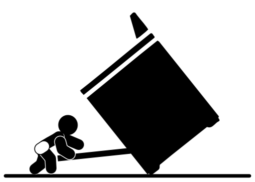
All safety messages will follow the safety alert symbol and either the word “DANGER” or “WARNING.” These words mean:

⚠DANGER	**You can be killed or seriously injured if you don't immediately follow instructions.**
⚠WARNING	**You can be killed or seriously injured if you don't follow instructions.**

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

The Anti-Tip Bracket

The range will not tip during normal use. However, the range can tip if you apply too much force or weight to the open door without having the anti-tip bracket fastened down properly.



⚠WARNING

Tip Over Hazard

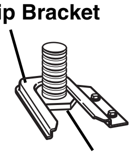
A child or adult can tip the range and be killed.

Connect anti-tip bracket to rear range foot.

Reconnect the anti-tip bracket, if the range is moved.

See the installation instructions for details.

Failure to follow these instructions can result in death or serious burns to children and adults.



Making sure the anti-tip bracket is installed:

- **Slide range forward.**
- **Look for the anti-tip bracket securely attached to floor.**
- **Slide range back so rear range foot is under anti-tip bracket.**

State of California Proposition 65 Warnings:

WARNING: This product contains a chemical known to the State of California to cause cancer.

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electrical shock, injury to persons, or damage when using the range, follow basic precautions, including the following:

- **WARNING:** TO REDUCE THE RISK OF TIPPING OF THE RANGE, THE RANGE MUST BE SECURED BY PROPERLY INSTALLED ANTI-TIP DEVICES. TO CHECK IF THE DEVICES ARE INSTALLED PROPERLY, SLIDE RANGE FORWARD, LOOK FOR ANTI-TIP BRACKET SECURELY ATTACHED TO FLOOR, AND SLIDE RANGE BACK SO REAR RANGE FOOT IS UNDER ANTI-TIP BRACKET.
- **CAUTION:** Do not store items of interest to children in cabinets above a range or on the backguard of a range – children climbing on the range to reach items could be seriously injured.
- Proper Installation – Be sure the range is properly installed and grounded by a qualified technician.
- Never Use the Range for Warming or Heating the Room.
- Do Not Leave Children Alone – Children should not be left alone or unattended in area where the range is in use. They should never be allowed to sit or stand on any part of the range.
- Wear Proper Apparel – Loose-fitting or hanging garments should never be worn while using the range.
- User Servicing – Do not repair or replace any part of the range unless specifically recommended in the manual. All other servicing should be referred to a qualified technician.
- Storage in or on the Range – Flammable materials should not be stored in an oven or near surface units.
- Do Not Use Water on Grease Fires – Smother fire or flame or use dry chemical or foam-type extinguisher.
- Use Only Dry Potholders – Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth.
- DO NOT TOUCH SURFACE UNITS OR AREAS NEAR UNITS – Surface units may be hot even though they are dark in color. Areas near surface units may become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact surface units or areas near units until they have had sufficient time to cool. Among those areas are the cooktop and surfaces facing the cooktop.
- Use Proper Pan Size – The range is equipped with one or more surface units of different size. Select utensils having flat bottoms large enough to cover the surface unit heating element. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to burner will also improve efficiency.
- Never Leave Surface Units Unattended at High Heat Settings – Boilover causes smoking and greasy spillovers that may ignite.
- Make Sure Reflector Pans or Drip Bowls Are in Place – Absence of these pans or bowls during cooking may subject wiring or components underneath to damage.
- Protective Liners – Do not use aluminum foil to line surface unit drip bowls or oven bottoms, except as suggested in the manual. Improper installation of these liners may result in a risk of electric shock, or fire.
- Glazed Cooking Utensils – Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for range-top service without breaking due to the sudden change in temperature.
- Utensil Handles Should Be Turned Inward and Not Extend Over Adjacent Surface Units – To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of a utensil should be positioned so that it is turned inward, and does not extend over adjacent surface units.
- Do Not Soak Removable Heating Elements – Heating elements should never be immersed in water.
- Do Not Cook on Broken Cooktop – If cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.
- Clean Cooktop With Caution – If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface.
- Use Care When Opening Door – Let hot air or steam escape before removing or replacing food.
- Do Not Heat Unopened Food Containers – Build-up of pressure may cause container to burst and result in injury.
- Keep Oven Vent Ducts Unobstructed.
- Placement of Oven Racks – Always place oven racks in desired location while oven is cool. If rack must be moved while oven is hot, do not let potholder contact hot heating element in oven.
- DO NOT TOUCH HEATING ELEMENTS OR INTERIOR SURFACES OF OVEN – Heating elements may be hot even though they are dark in color. Interior surfaces of an oven become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact heating elements or interior surfaces of oven until they have had sufficient time to cool. Other surfaces of the appliance may become hot enough to cause burns – among these surfaces are oven vent openings and surfaces near these openings, oven doors, and windows of oven doors.

For self-cleaning ranges –

- Do Not Clean Door Gasket – The door gasket is essential for a good seal. Care should be taken not to rub, damage, or move the gasket.
- Do Not Use Oven Cleaners – No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.
- Clean Only Parts Listed in Manual.
- Before Self-Cleaning the Oven – Remove broiler pan and other utensils.

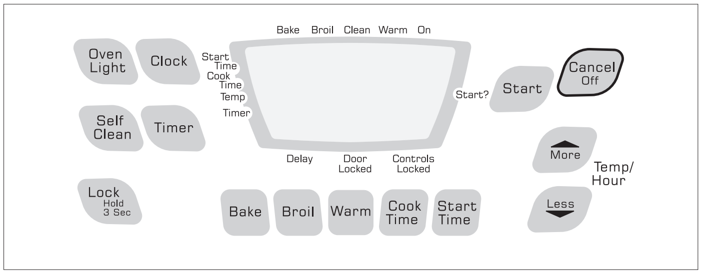
For units with ventilating hood –

- Clean Ventilating Hoods Frequently – Grease should not be allowed to accumulate on hood or filter.
- When flambeing foods under the hood, turn the fan on.

SAVE THESE INSTRUCTIONS

FEATURE GUIDE

This manual covers several models. Your model may have some or all of the items listed. Refer to this manual or the Frequently Asked Questions (FAQs) section of our website at **www.amana.com** for more detailed instructions.



⚠WARNING

Food Poisoning Hazard

Do not let food sit in oven more than one hour before or after cooking.

Doing so can result in food poisoning or sickness.

KEYPAD	FEATURE	INSTRUCTIONS
OVEN LIGHT	**Oven cavity light**	While the oven door is closed, press OVEN LIGHT to turn the light on and off. The oven light will come on when the oven door is opened. The oven light will not come on during the Self-Clean cycle.
SELF-CLEAN (on some models)	**Self-clean cycle**	See the “Range Care” section.
TO LOCK HOLD 3 SEC	**Oven control lockout**	On models without the TO LOCK HOLD 3 SEC keypad, use the START keypad. **1.** Check that the oven is off. **2.** Press and hold TO LOCK HOLD 3 SEC keypad for 3 seconds (on some models, START keypad for 3 seconds). **3.** A tone will sound, and “Loc” will be displayed. **4.** Repeat to unlock. Only the CLOCK, OVEN LIGHT, and TIMER keypads will function with the controls locked.
CLOCK	**Clock**	The Clock uses a 12-hour cycle. **1.** Check that the oven is off. **2.** Press CLOCK. **3.** Press TEMP/HOUR “More” or “Less” arrow pads to set the time of day. **4.** Press CLOCK or START.
TIMER	**Oven timer**	The Timer can be set in hours or minutes up to 12 hours and 59 minutes. **1.** Press TIMER. **2.** Press TEMP/HOUR “More” or “Less” arrow pads to set the length of time. **3.** Press START to begin the countdown. If enabled, end-of-cycle tones will sound at end of countdown. **4.** Press TIMER twice to cancel the Timer. Do not press the CANCEL/OFF keypad because the oven will turn off. **5.** If the TIMER is running, but not in the display, press TIMER to display the countdown for 5 seconds.
BAKE	**Baking and roasting**	**1.** Press BAKE. **2.** Press TEMP/HOUR “More” or “Less” arrow pads to set a temperature other than 350°F (175°C) in 5° increments between 170°F and 525°F (75°C and 275°C). **3.** Press START. **4.** To change the temperature repeat Step 2. Press START or wait 5 seconds for the change to take effect. **5.** Press CANCEL/OFF when finished.
BROIL	**Broiling**	**1.** Position cookware in oven and close door to broil stop position. The door should remain open approximately 5" (12.7 cm). **2.** Press BROIL. **3.** Press TEMP/HOUR “More” or “Less” arrow pads to change the temperature in 5°F (5°C) increments between 300°F and 525°F (150°C and 275°C). **4.** Press START. **5.** Press CANCEL/OFF when finished.

KEYPAD	FEATURE	INSTRUCTIONS
WARM	**Hold warm**	Food must be at serving temperature before placing it in the warmed oven. **1.** Press WARM. **2.** Temperature is set at 170°F (75°C) for 60 minutes (1.00 hour). **3.** Press START. **4.** Press CANCEL/OFF when finished.
COOK TIME (on some models)	**Timed cooking**	Timed Cooking allows the oven to be set to turn on at a certain time of day, cook for a set length of time, and/or shut off automatically. Delay start should not be used for foods such as breads and cakes because they may not bake properly. To set a Timed Cook or a Delayed Timed Cook see “Timed Cooking” section.
START TIME	**Delayed start**	The Start Time keypad is used to enter the starting time for an oven function with a delayed start.
START	**Cooking start**	The Start pad begins any oven function. If Start is not pressed within 5 seconds, “PUSH?” or “PSH” appears in the display. If Start is not pressed within 1 minute after pressing a keypad, the function is canceled and the time of day is displayed.
CANCEL/OFF	**Range function**	The Cancel/Off keypad stops any function except the Clock, Timer, and Oven Control Lockout.
TEMP/HOUR	**Temperature and time adjust**	The “More” or “Less” arrow pads are used to adjust time and temperature settings.

COOKTOP USE

⚠WARNING



Fire Hazard

Turn off all controls when done cooking.

Failure to do so can result in death or fire.

The control knobs can be set to anywhere between HI and LO. Push in and turn to setting.

REMEMBER: When range is in use or (on some models) during the Self-Cleaning cycle, the entire cooktop area may become hot.

Ceramic Glass (on some models)

The surface cooking area will glow red when an element is on. It may cycle on and off to maintain the selected heat level.

Use cookware about the same size as the surface cooking area. Cookware should not extend more than ½" (1.3 cm) outside the area.

Cleaning off the cooktop before and after each use will help keep it free from stains and provide the most even heating.

Cooktop On Indicator Light (on some models)

The Cooktop On indicator light is located on the console panel. When any control knob on the console panel is turned on, the Cooktop On indicator light will glow.

Hot Surface Indicator Light (on some models)

On ceramic glass models, the hot surface indicator light is located on the console panel.

The hot surface indicator light will glow as long as any surface cooking area is too hot to touch, even after the surface cooking area is turned off.

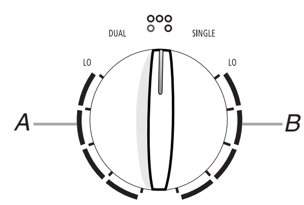
Coil Elements and Burner Bowls (on some models)

Coil elements should be level for optimal cooking results. Burner bowls, when clean, reflect heat back to the cooktop. They also help catch spills.

Cookware should not extend move than ½" (1.3 cm) over the coil element. If cookware is uneven or too large, it can produce excess heat, causing the burner bowl to change color.

Dual Cooking Zone (on some models)

The Dual Cooking Zone offers flexibility depending on the size of the cookware. Single size can be used in the same way as a regular element. The dual size combines both the single and outer element and is recommended for larger size cookware.



A. Dual
B. Single

OVEN USE

Odors and smoke are normal when the oven is used the first few times, or when it is heavily soiled.

IMPORTANT: The health of some birds is extremely sensitive to the fumes given off. Exposure to the fumes may result in death to certain birds. Always move birds to another closed and well-ventilated room.

Electronic Oven Controls

Control Display

The display will flash when powered up or after a power loss. Press CANCEL/OFF to clear. When oven is not in use, the time of day is displayed. Indicator lights show functions that are in use.

Tones

Tones are audible signals, indicating the following:

Basic Functions

One tone

- Valid pad press
- Oven is preheated (long tone)
- Function has been entered
- Reminder (on some models), repeating each minute after the end-of-cycle tones

Three tones

- Invalid pad press

Four tones

- End of cycle

Fahrenheit and Celsius

The temperature is preset at Fahrenheit, but can be changed to Celsius.

To change: Press and hold BROIL for 5 seconds. A tone will sound, and "°C" or "°F" will appear on the display. Repeat to change back.

To exit mode, press CANCEL/OFF.

Oven Temperature Control

IMPORTANT: Do not use a thermometer to measure oven temperature because opening the oven door may cause element cycling to give incorrect readings.

The oven provides accurate temperatures; however, it may cook faster or slower than your previous oven, so the temperature calibration can be adjusted. It can be changed in Fahrenheit or Celsius.

To Adjust Oven Temperature Calibration:

1. Press and hold BAKE for 5 seconds until the oven display shows the current calibration, for example "0°F CAL" or "00."
2. Press the TEMP/HOUR "More" or "Less" arrow pads to increase or to decrease the temperature in 10°F (5°C) amounts. The adjustment can be set between 30°F (15°C) and -30°F (-15°C).
3. Press START.

Options Mode

Press and hold TIMER for 5 seconds, and "Opt" will appear. Use the TEMP/TIME keys to cycle through the following options. Press CANCEL to exit the mode.

End of Cycle Tones

"b1" (beep once) or "b" (continue to beep) will be displayed. Press TIMER to toggle through selection.

12-Hour Shutoff

If "12 Hr" is displayed, the oven will automatically shut off after 12 hours. Press TIMER to toggle to "- Hr" to disable the 12-hour shutoff.

Oven Light with Door Open

"LOn" indicates that the oven light will turn on when the door is open. If "LOFF" is displayed, the oven light will turn on only with the oven light switch. Press TIMER to toggle through selection.

Sabbath Mode

(on some models)

The Sabbath Mode sets the oven to remain on in a Bake setting until turned off. A Timed Bake can also be set to keep the oven on for only part of the Sabbath. The Oven Control Lockout Feature (if present) will be disabled during the Sabbath Mode. After the Sabbath Mode is set no tones will sound, the display will not show the temperature, the Kitchen Timer Mode will be canceled (if active) and only the following pads will function:

- "+" or "-" keypads (if present)
- "More" and "Less" keypads (if present)
- Cancel

When the oven door is opened or closed, the oven light will not turn on or off and the heating elements will not turn on or off immediately.

When power is restored after a power failure, the oven will return to Sabbath Mode and remain Sabbath compliant with the bake elements off until the Cancel keypad is pressed.

Pressing the Cancel keypad at any time returns the oven to the normal cooking mode (not Sabbath Mode compliant).

Before entering the Sabbath Mode, it must be decided if the oven light is to be on or off for the entire Sabbath Mode period. If the light is on when entering Sabbath Mode, it will remain on for the entire time Sabbath Mode is in use. If the light is off when entering Sabbath Mode, it will remain off for the entire time Sabbath Mode is in use. Opening the oven door or pressing the Oven Light keypad will not affect the oven light once Sabbath Mode has been entered.

If the oven has the Convection Bake feature, the oven light is controlled by a separate Oven Light switch on the console. If the oven light is on when entering the Sabbath Mode, it will remain on for the entire time Sabbath Mode is in use. For the oven light to be off during the Sabbath Mode, the light bulb must be removed from the oven prior to entering the Sabbath Mode. Not performing these steps will cause the oven light to turn on when the oven door is opened, resulting in the oven being not Sabbath compliant.

On the Holiday, the oven temperature can be changed once the oven is in Sabbath Mode by pressing the "+" or "-" keypads (if present) or the "More" or "Less" keypads (if present). The oven temperature will change 25°F (14°C) each time the keypad is pressed. The display will not change, and there will be no sounds during this adjustment.

To Bake Using Sabbath Mode:

1. Press BAKE.
2. Press the "+" or "-" keypads (if present) or "MORE" or "LESS" keypads (if present).
3. Press START.
4. Press and hold the TIMER keypad for 5 seconds. "SAb" will flash in the display.
5. Press START within 5 seconds to enter Sabbath Mode; otherwise, the entire cycle cancels out. "SAb" will stop flashing and remain on in the display. The oven is now in Sabbath Mode and is Sabbath compliant.

Pressing the Cancel keypad at any time returns the oven to the normal cooking mode (not Sabbath Mode compliant).

To set a Timed Bake using Sabbath Mode (on some models):

⚠WARNING

Food Poisoning Hazard

Do not let food sit in oven more than one hour before or after cooking.

Doing so can result in food poisoning or sickness.

1. Press BAKE.
2. Press the "+" or "-" keypads (if present) or "MORE" or "LESS" keypads (if present) to enter a temperature other than the one displayed.
3. Press COOK TIME. The Cook Time oven indicator light will light up.
4. Press the "+" or "-" keypads (if present) or "MORE" or "LESS" keypads (if present) to enter a cook time length.
5. Press START.
6. Press and hold the TIMER keypad for 5 seconds. "SAb" will flash in the display.

7. Press START within 5 seconds to enter Sabbath Mode; otherwise, the entire cycle cancels out. “SAb” will stop flashing and remain on in the display. The oven is now in Sabbath Mode and is Sabbath compliant. The Bake, On and Cook Time indicator lights will be diplayed.

When the set cook time ends, the oven will shut off automatically and the indicator lights will turn off, indicating the end of the cycle.

Pressing the Cancel keypad at any time returns the oven to the normal cooking mode (not Sabbath Mode compliant).

To set a Delayed Timed Bake using Sabbath Mode (on some models):

1. Press BAKE.
2. Press the “+” or “-” keypads (if present) or “MORE” or “LESS” keypads (if present) to enter a temperature other than the one displayed.
3. Press COOK TIME. The Cook Time oven indicator light will light up.
4. Press the “+” or “-” keypads (if present) or “MORE” or “LESS” keypads (if present) to enter a cook time length.
5. Press START TIME or DELAY START. The Start Time/Delay Start indicator light will light up.
6. Press the “+” or “-” keypads (if present) or “MORE” or “LESS” keypads (if present) to enter a start time.
7. Press START.
8. Press and hold the TIMER keypad for 5 seconds. “SAb” will flash in the display.
9. Press START within 5 seconds to enter Sabbath Mode; otherwise, the entire cycle cancels out. “SAb” will stop flashing and remain on in the display. The oven is now in Sabbath Mode and is Sabbath compliant. The On and Delay indicator lights will be displayed.

When the start time is reached the Bake, On and Cook Time indicator lights will automatically turn on. When the set cook time ends, the oven will shut off automatically and the indicator lights will turn off, indicating the end of the cycle.

Pressing the Cancel keypad at any time returns the oven to the normal cooking mode (not Sabbath Mode compliant).

Aluminum Foil

IMPORTANT: To avoid permanent damage to the oven bottom finish, do not line the oven bottom with any type of foil or liner.

For best cooking results, do not cover entire oven rack with foil because air must be able to move freely.

Positioning Racks and Bakeware

IMPORTANT: To avoid permanent damage to the porcelain finish, do not place food or bakeware directly on the oven door or bottom.

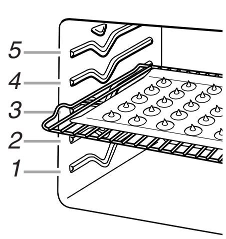
Bakeware

To cook food evenly, hot air must be able to circulate. Allow 2" (5 cm) of space around bakeware and oven walls. Make sure that no bakeware piece is directly over another.

Racks

- Position racks before turning on the oven.
- Do not move racks with bakeware on them.
- Make sure racks are level.

To move a rack, pull it out to the stop position, raise the front edge, and then lift out. Use the following illustration and charts as a guide.



Rack Positions

Rack 5: Toasting bread or broiling thin, non-fatty foods.

Rack 4: Use for 2-rack baking and broiling.

Rack 3: Most baked goods on a cookie sheet or jelly roll pan, layer cakes, frozen convenience foods. Broiling chicken pieces.

Rack 2: Roasting small cuts of meat, pies, casseroles, bundt cakes, and 2-rack baking.

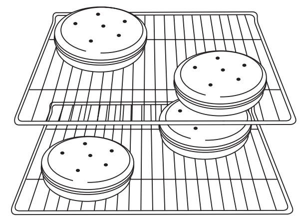
Rack 1: Roasting large cuts of meat and poultry.

Multiple Rack Cooking

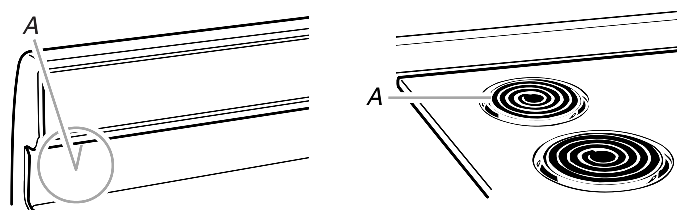
2-rack: Use rack positions 2 and 4.

Baking Layer Cakes on 2 Racks

For best results when baking cakes on 2 racks, use racks 2 and 4 for baking. Place the cakes on the racks as shown.



Oven Vent



A. Oven vent (ceramic glass model)

A. Oven vent (coil element model)

The oven vent releases hot air and moisture from the oven, and should not be blocked or covered. Blocking or covering the vent will cause poor air circulation, affecting cooking and cleaning results. Do not set plastics, paper or other items that could melt or burn near the oven vent.

On coil element models, the element can be used when the oven is in use as long as the cookware does not extend more than ½" (1.3 cm) over the element.

Baking and Roasting

The bake and broil burners cycle on and off in intervals. This feature is automatically activated when the oven is in use.

Before baking and roasting, position racks according to “Positioning Racks and Bakeware” section. When roasting, it is not necessary to wait for the oven preheat cycle to end before putting food in unless it is recommended in the recipe.

Preheating

When START is pressed, the oven will begin preheating. Once 100°F (38°C) is reached, the display temperature will increase as the actual temperature of the oven increases. When the preheat temperature is reached, a tone will sound, and the selected temperature will appear on the display.

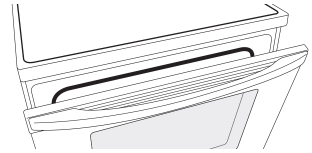
Broiling

Broiling uses direct radiant heat to cook food. Changing the temperature when Custom Broiling allows more precise control when cooking. The lower the temperature, the slower the cooking. Thicker cuts and unevenly shaped pieces of meat, fish and poultry may cook better at lower broiling temperatures.

- For best results, use a broiler pan and grid. It is designed to drain juices and help avoid spatter and smoke.

  If you would like to purchase a broiler pan, one may be ordered. Please refer to the cover for contact information. Ask for Part Number 4396923.

It is not necessary to preheat the oven before putting food in unless recommended in the recipe. Position food on grid in a broiler pan, then place it in the center of the oven rack. Close the door to the broil stop position to ensure proper broiling temperature.



Timed Cooking (on some models)

⚠WARNING

Food Poisoning Hazard

Do not let food sit in oven more than one hour before or after cooking.

Doing so can result in food poisoning or sickness.

To Set a Timed Cook:

1. Press BAKE. The bake indicator light will light up.
2. Press the TEMP/HOUR "More" or "Less" arrow pads to enter a temperature other than the one displayed.
3. Press COOK TIME. The cook time oven indicator light will light up.
4. Press the TEMP HOUR "More" or "Less" arrow pads to enter the length of time to cook.
5. Press START. The display will count down the time. When the time ends, the oven will shut off automatically and "End" will appear on the display.
6. Press CANCEL/OFF to clear the display.

To Set a Delayed Timed Cook:

Before setting, make sure the clock is set to the correct time of day. See the "Clock" keypad feature in the "Feature Guide" section.

1. Press BAKE.
2. Press the TEMP HOUR "More" or "Less" arrow pads to enter a temperature other than the one displayed.
3. Press COOK TIME. The cook time oven indicator light will light up.
4. Press TEMP HOUR "More" or "Less" arrow pads to enter the length of time to cook.
5. Press START TIME. The start time/delay oven indicator light will light up.
6. Press TEMP HOUR "More" or "Less" arrow pads to enter the time of day to start.
7. Press START.

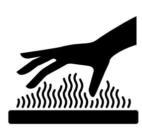
When the start time is reached, the oven will automatically turn on. The temperature and/or time settings can be changed anytime after pressing Start by repeating steps 1-7. When the set cook time ends, the oven will shut off automatically and "End" will appear on the display.

8. Press CANCEL/OFF to clear the display.

RANGE CARE

Self-Cleaning Cycle (on some models)

⚠WARNING



Burn Hazard

Do not touch the oven during the Self-Cleaning cycle.

Keep children away from oven during Self-Cleaning cycle.

Failure to follow these instructions can result in burns.

IMPORTANT: The health of some birds is extremely sensitive to the fumes given off during the Self-Cleaning cycle. Exposure to the fumes may result in death to certain birds. Always move birds to another closed and well-ventilated room.

Do not block the oven vent(s) during the Self-Cleaning cycle. Air must be able to move freely. Depending on your model, see "Oven Vent" section.

Do not clean, rub, damage or move the oven door gasket.

Prepare Range

- Remove the broiler pan, grid, cookware and bakeware, all cooking utensils, oven racks and aluminum foil and, on some models, the temperature probe from the oven.
- Use a damp cloth to clean inside door edge and the 1½" (3.8 cm) area around the inside oven cavity frame, being certain not to move or bend the gasket.
- Remove plastic items from the cooktop because they may melt.
- Remove all items from the storage drawer.

How the Cycle Works

IMPORTANT: The heating and cooling of porcelain on steel in the oven may result in discoloring, loss of gloss, hairline cracks and popping sounds.

Before self-cleaning, make sure the door is completely closed or the door will not lock and the self-cleaning cycle will not begin.

Once the oven has completely cooled, remove ash with a damp cloth. To avoid breaking the glass, do not apply a cool damp cloth to the inner door glass before it has completely cooled.

To stop the self-cleaning cycle at anytime, press the CANCEL keypad. If the temperature is too high, the oven door will remain locked and "cool" and "locked" will be displayed.

The oven light will not function during the self-cleaning cycle.

Style 1 - Electronic Oven Control with Adjustable Clean Time (on some models)

The SELF CLEAN self-cleaning cycle is time adjustable between 2 hours 30 minutes and 4 hours 30 minutes in 15-minute increments. Suggested clean times are 2 hours 30 minutes for light soil, and 4 hours 30 minutes for heavy soil. The last 30 minutes of the cycle is for cool down.

To Self-Clean:

1. Press SELF CLEAN.
2. Press the TEMP/HOUR "More" or "Less" arrow pads to enter the desired self-clean cycle time.
3. Press START.

   The oven door will automatically lock. The DOOR LOCKED and CLEAN indicator lights will be displayed. The time remaining will also be displayed.
4. When the self-clean cycle is complete and the oven cools, the DOOR LOCKED and CLEAN indicator lights will turn off.
5. When the oven is completely cooled, remove ash with a damp cloth.

Style 2 - Electronic Oven Control with Adjustable Self-Clean (HI - LO) (on some models)

The self-cleaning cycle can be set at HI self-clean time (4 hours 30 minutes) or LO self-clean time (3 hours 30 minutes). The suggested clean times are 3 hours 30 minutes for light soil, or 4 hours 30 minutes for heavy soil. The last 30 minutes of the cycles is for cool down.

To Self-Clean:

1. Press SELF CLEAN to set the clean time to HI (4 hours 30 minutes).
2. Press the TEMP/HOUR "More" or "Less" arrow pads to cycle between LO and HI clean time.
3. Press START.

   The oven door will automatically lock. The CLEAN indicator light will be displayed. The time remaining will also be displayed.
4. When the self-clean cycle is complete and the oven cools, the CLEAN indicator light will turn off.
5. When the oven is completely cooled, remove ash with a damp cloth.

General Cleaning

IMPORTANT: Before cleaning, make sure all controls are off and the oven and cooktop are cool. Always follow label instructions on cleaning products. For additional information, you can visit the Frequently Asked Questions (FAQs) section of our website at **www.amana.com**.

Soap, water and a soft cloth or sponge are suggested first unless otherwise noted.

EXTERIOR PORCELAIN ENAMEL SURFACES (on some models)

Food spills containing acids, such as vinegar and tomato, should be cleaned as soon as the entire range is cool. These spills may affect the finish.

Cleaning Method:

- Glass cleaner, mild liquid cleaner or nonabrasive scrubbing pad:
  Gently clean around the model and serial number plate because scrubbing may remove numbers.
- All-Purpose Appliance Cleaner Part Number 31682 (not included):
  See cover for contact information.

STAINLESS STEEL (on some models)

NOTE: To avoid damage to stainless steel surfaces, do not use soap-filled scouring pads, abrasive cleaners, Cooktop Cleaner, steel-wool pads, gritty washcloths or abrasive paper towels. Damage may occur to stainless steel surfaces, even with one-time or limited use.

Cleaning Method:

Rub in direction of grain to avoid damaging.

- Stainless Steel Cleaner and Polish Part Number 31462 (not included):
  See cover for contact information.

Liquid detergent or all-purpose cleaner:
Rinse with clean water and dry with soft, lint-free cloth.

METALLIC PAINT (on some models)

Do not use abrasive cleaners, cleaners with bleach, rust removers, ammonia or sodium hydroxide (lye) because paint surface may stain.

CERAMIC GLASS (on some models)

Cleaning Method:

Cooktop Cleaner Part Number 31464 is recommended regularly to help avoid scratches, pitting and abrasions and to condition the cooktop.

Cooktop Scraper Part Number WA906B is also recommended for stubborn soils. These can be ordered as accessories. See cover for contact information. The Cooktop Scraper uses razor blades. Store razor blades out of the reach of children.

Do not use steel wool, abrasive powder cleansers, chlorine bleach, rust remover or ammonia because damage may occur.

Light to moderate soil

- Clean with paper towels or clean damp sponge

Sugary spills (jellies, candy, syrup)

- Clean with cooktop scraper and cooktop cleaner. Scrape off sugary spills while the cooktop is still warm. You may want to wear oven mitts while cleaning the cooktop.

Heavy soil, dark streaks, specks and discoloration

- Clean with Cooktop Cleaner or nonabrasive cleanser:

Burned-on soil

- Clean with Cooktop Cleaner and Cooktop Scraper.

Metal marks from aluminum and copper

- Clean with Cooktop Cleaner as soon as cooktop has cooled down. The marks will not totally disappear, but after many cleanings they will become less noticeable.

Tiny scratches and abrasions

- Use Cooktop Cleaner for scratches. Scratches and abrasions do not affect cooking performance, and after many cleanings they will become less noticeable.

COOKTOP CONTROLS

To avoid damage to the cooktop controls, do not use steel wool, abrasive cleansers or oven cleaner.

Do not soak knobs. When replacing knobs, make sure knobs are in the OFF position.

On some models, do not remove seals under knobs.

Cleaning Method:

- Soap and water:
  Pull knobs straight away from control panel to remove.

CONTROL PANEL AND OVEN DOOR EXTERIOR

To avoid damage to the control panel, do not use abrasive cleaners, steel-wool pads, gritty washcloths or abrasive paper towels.

Cleaning Method:

- Glass cleaner and soft cloth or sponge:
  Apply glass cleaner to soft cloth or sponge, not directly on panel.
- All-Purpose Appliance Cleaner Part Number 31682 (not included):
  See cover for contact information.

COIL ELEMENTS (on some models)

Cleaning Method:

- Damp cloth: Make sure control knobs are off and elements are cool.

Do not clean or immerse in water. Soil will burn off when hot.

BURNER BOWLS (on some models)

Before removing or replacing coil elements and burner bowls, make sure they are cool and the control knobs are in the OFF position.

Remove the coil element by pushing the edge of the coil element toward the receptacle. Lift it enough to clear the burner bowl. Pull the coil element straight away from the receptacle to remove. Lift out the burner bowl.

Cleaning Method:

Chrome burner bowls

Wash frequently in warm, soapy water. (It is not recommended to wash chrome bowls in a dishwasher.) A mild abrasive cleaner and a plastic scrubber can be used to remove stubborn stains.

For heavily soiled bowls, place an ammonia soaked paper towel on the stains and allow to soak for a short time, then gently scrub with a plastic scrubber.

SURFACE UNDER COOKTOP (on some models)

The coil cooktop will lift up to provide easy access for cleaning beneath. Lift the cooktop by both front corners until the support locks into place.

Cleaning Method:

- Steel-wool pad

To avoid damage to the range, do not remove the cooktop.

OVEN RACKS

Cleaning Method:

- Steel-wool pad
- For racks that have discolored and are harder to slide, a light coating of vegetable oil applied to the rack guides will help them slide.

STORAGE DRAWER

Check that storage drawer is cool and empty before cleaning.

Cleaning Method:

- Mild detergent

OVEN CAVITY

Food spills should be cleaned when oven cools. At high temperatures, foods react with porcelain and staining, etching, pitting or faint white spots can result.

Cleaning Method:

- Self-Cleaning cycle: See “Self-Cleaning Cycle” first.

Do not use oven cleaners.

Oven Light

The oven light is a standard 40-watt appliance bulb. Before replacing, make sure the oven and cooktop are cool and the control knobs are in the off position.

To Replace:

1. Unplug range or disconnect power.
2. Turn the glass bulb cover in the back of the oven counterclockwise to remove.
3. Turn bulb counterclockwise to remove from socket.
4. Replace bulb, then bulb cover by turning clockwise.
5. Plug in range or reconnect power.

TROUBLESHOOTING

First try the solutions suggested here or visit our website and reference the Frequently Asked Questions (FAQs) section to possibly avoid the cost of a service call.

www.amana.com

Nothing will operate

- **Is the power supply cord unplugged?**
  Plug into a grounded outlet.
- **Has a household fuse blown, or has a circuit breaker tripped?**
  Replace the fuse or reset the circuit breaker. If the problem continues, call an electrician.

Cooktop will not operate

- **Is the control knob set correctly?**
  Push in knob before turning to a setting.
- **On ceramic glass models, is the oven control lockout set?**
  See the control lock keypad feature in the “Feature Guide” section.
- **Has a self-clean cycle been selected?**
  On some ceramic glass models, the cooktop will not operate during a self-clean cycle.

Excessive heat around cookware on cooktop

- **Is the cookware the proper size?**
  Use cookware about the same size as the surface cooking area, element or surface burner. Cookware should not extend more than ½" (1.3 cm) outside the cooking area.

Cooktop cooking results not what expected

- **Is the control knob set to the proper heat level?**
  See “Cooktop Use” section.
- **Is the range level?**
  Level the range. See the Installation Instructions.

Oven will not operate

- **Is the electronic oven control set correctly?**
  See “Electronic Oven Controls” section.
- **Has a delay start been set?**
  See “Timed Cooking” section.

- **On some models, is the oven control lockout set?**
  See the control lock keypad feature in the "Feature Guide" section.

Oven temperature too high or too low

- **Does the oven temperature calibration need adjustment?**
  See "Oven Temperature Control" section of the "Electronic Oven Controls" section.

Oven indicator lights flash

- **Do the oven indicator lights flash?**
  See "Control Display" in the "Electronic Oven Controls" section. If the indicator light(s) keeps flashing, call for service. See cover for contact information.

Display shows messages

- **Is the display showing a flashing time?**
  There has been a power failure. Clear the display. On some models, reset the clock, if needed. See "Clock" keypad feature in the "Feature Guide" section.
- **Is the display showing a letter followed by a number?**
  Press the CANCEL keypad to clear the display. See "Control Display" in the "Electronic Oven Controls" section. If it reappears, call for service. See cover for contact information.
- **Is the display showing a flashing "PUSH?" or "PSH"?**
  See the "Start" keypad feature in the "Feature Guide" section.

Self-Cleaning cycle will not operate

- **Is the oven door open?**
  Close the oven door all the way.
- **Has the function been entered?**
  See "Self-Cleaning Cycle" section.
- **Has a delay start been set?**
  See "Timed Cooking" section.

Oven cooking results not what expected

- **Is the range level?**
  Level the range. See the Installation Instructions.
- **Is the proper temperature set?**
  Double-check the recipe in a reliable cookbook.
- **Is the proper oven temperature calibration set?**
  See "Oven Temperature Control" section of the "Electronic Oven Controls" section.
- **Was the oven preheated?**
  See "Baking and Roasting" section.
- **Are the racks positioned properly?**
  See "Positioning Racks and Bakeware" section.
- **Is there proper air circulation around bakeware?**
  See "Positioning Racks and Bakeware" section.
- **Is the batter evenly distributed in the pan?**
  Check that batter is level in the pan.
- **Is the proper length of time being used?**
  Adjust cooking time.
- **Has the oven door been opened while cooking?**
  Oven peeking releases oven heat and can result in longer cooking times.
- **Are baked items too brown on the bottom?**
  Move rack to higher position in the oven.
- **Are pie crust edges browning early?**
  Use aluminum foil to cover the edge of the crust and/or reduce baking temperature.

ACCESSORIES

Canning Unit Kit
(coil element models)
Order Part Number 242905

Cooktop Care Kit
(includes cleaner, protectant, and applicator pads)
Order Part Number 31605

Cooktop Protectant
Order Part Number 31463

Cooktop Cleaner
(ceramic glass models)
Order Part Number 31464

Cooktop Scraper
(ceramic glass models)
Order Part Number WA906B

Stainless Steel Cleaner and Polish
(stainless steel models)
Order Part Number 31462

All-Purpose Appliance Cleaner
Order Part Number 31682

Split-Rack with Removable Insert
Order Part Number 4396927

Broiler Pan
Order Part Number 4396923

AMANA® MAJOR APPLIANCE WARRANTY

LIMITED WARRANTY

For one year from the date of purchase, when this major appliance is operated and maintained according to instructions attached to or furnished with the product, Amana brand of Whirlpool Corporation or Whirlpool Canada LP (hereafter "Amana") will pay for factory specified parts and repair labor to correct defects in materials or workmanship. Service must be provided by an Amana designated service company. This limited warranty is valid only in the United States or Canada and applies only when the major appliance is used in the country in which it was purchased. Outside the 50 United States and Canada, this limited warranty does not apply. Proof of original purchase date is required to obtain service under this limited warranty.

ITEMS EXCLUDED FROM WARRANTY

This limited warranty does not cover:

1. Service calls to correct the installation of your major appliance, to instruct you on how to use your major appliance, to replace or repair house fuses, or to correct house wiring or plumbing.
2. Service calls to repair or replace appliance light bulbs, air filters or water filters. Consumable parts are excluded from warranty coverage.
3. Repairs when your major appliance is used for other than normal, single-family household use or when it is used in a manner that is contrary to published user or operator instructions and/or installation instructions.

4. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, installation not in accordance with electrical or plumbing codes, or use of consumables or cleaning products not approved by Amana.
5. Cosmetic damage, including scratches, dents, chips or other damage to the finish of your major appliance, unless such damage results from defects in materials or workmanship and is reported to Amana within 30 days from the date of purchase.
6. Any food loss due to refrigerator or freezer product failures.
7. Costs associated with the removal from your home of your major appliance for repairs. This major appliance is designed to be repaired in the home and only in-home service is covered by this warranty.
8. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
9. Expenses for travel and transportation for product service if your major appliance is located in a remote area where service by an authorized Amana servicer is not available.
10. The removal and reinstallation of your major appliance if it is installed in an inaccessible location or is not installed in accordance with published installation instructions.
11. Major appliances with original model/serial numbers that have been removed, altered or cannot be easily determined. This warranty is void if the factory applied serial number has been altered or removed from your major appliance.

The cost of repair or replacement under these excluded circumstances shall be borne by the customer.

DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES

CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW. AMANA SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS, SO THESE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

If outside the 50 United States and Canada, contact your authorized Amana dealer to determine if another warranty applies. 9/07

For additional product information, in the U.S.A., visit **www.amana.com**.

If you do not have access to the Internet and you need assistance using your product or you would like to schedule service, you may contact Amana at the number below.

Have your complete model number ready. You can find your model number and serial number on the label located on the oven frame behind the storage drawer panel.

For assistance or service in the U.S.A., call 1-800-843-0304.

If you need further assistance, you can write to Amana with any questions or concerns at the address below:

In the U.S.A.:

Amana Brand Home Appliances
Customer eXperience Center
553 Benson Road
Benton Harbor, MI 49022-2692

Please include a daytime phone number in your correspondence.

Please keep this User Instructions and model number information for future reference.

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SP PN W10321008B

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